SPECIFICATION

1. Please replace the paragraph beginning at page 1, line 6 (Related Applications) with the following:

This application is a continuation of US Provisional Application No. 60/414,152 filed September 26, 2002, and claims priority thereto and is also related to co-pending application titled "CONVERGENCE AND CLASSIFICATION OF DATA PACKETS IN A CENTRALIZED COMMUNICATION SYSTEM", Serial No. ~~(not yet known)~~ 10/663,866 filed September 15, 2003.

2. Please replace the paragraph beginning at page 5, line 4 with the following:

Having provided specific service access points and associated those with the applications on the device, data can be received at the transport layer from an application at 70. Classification rules are defined for each service access point, such as when a connection between the current device and another device is established for exchange of IP data. A rule would be defined for the destination IP address, such that a packet with that address would be routed to a particular connection, namely the connection between the current device and the destination device.

3. Please replace the paragraph beginning at page 5, line 31 with the following:

AV traffic will typically be sent over connections that have been pre-established by the application. The connection is usually established with a request from the connection manager (CM 22) to the application layer (CMIF_CONNECT_REQ) primitive that defines the type of connection and its QoS requirements. If the connection is properly established, the AV-SAP port will accept data to send and deliver received data over this SAP.

4. Please replace the paragraph beginning at page 7, line 1 with the following:

Using these SAPs, then, the powerline communication system can receive data from both connection-oriented applications and connectionless applications and map them into formats that are transportable across the PLC. This mapping function relies upon identifying the SAP

through which ~~an~~ application data arrived at the transport layer, as well as being able to classify the data. The identified SAP and classification ~~application~~ allow for the data to be mapped to the proper connection, through analysis of the connection type (CTYPE) and connection specification (CSPEC).

5. Please replace the paragraph beginning at page 8, line 7 with the following:

An example message structure for transport layer 1 is shown below. This format may be used for all uni-cast application data transmissions within the PLC networks. Generally, this format should not be used for application data that is bridged, broadcast (BCAST) or multicast (MCAST). It may be intended only for unicast application data transmissions.

Length (2B)	~~HD~~ CID (2B)	SEQN (2B)	TS (2B)	C/F (1B)	Payload (0-1525B)
Variable Length 11-1536 Bytes					